

**ABSTRACT**

Method and apparatus for displaying a time-varying code to a handheld terminal, and method and apparatus for approval and authentication processing by using the same, which is able to read in machine and which is the one dimensional and second dimensional code that recording a prescribed information, which is the shape, position, the tone of color, light and darkness of code pattern or the combination of that variable in accordance with time, which is the time-varying code for authentication that is able to read in machine in spite of the variation of code pattern, is provided.

Also, the system for reading and displaying in the handheld terminal a time-varying code for authentication, a time-varying code system for authentication that is including the server, handheld terminal and reading machine, is provided.